

**DESCRIPTIVE ABSTRACT**

The invention relates to a method for evaluating the bandwidth between a first point and a second point liable to exchange digital data packets in a telecommunications network including a plurality of sub-networks.

The method according to the invention includes the following steps:

for each transmission direction through at least 10 one of said sub-networks,

- associating a same identifier with the quasi-simultaneously transmitted packets,
- time-stamping and recording the received packets,
- identifying and sorting the packets received with the same identifier,
- selecting the largest possible integral number  $m$  of groups of packets with the same identifier,
- measuring the time intervals separating the instants when the packets of the selected groups are received by the second point,
- calculating the bandwidth according to the number of packets of the selected groups and to said total transmission time of said packets.

Fig. 2.